

Remark/Arguments

Examination of the above-identified application in view of the present amendment is respectfully requested.

Claims 1-16 have been rejected as anticipated by Reed, US 6,361,198. Claims 19 and 20 have been rejected as unpatentable over Reed in view of Wainright, US 4,875,144. Claims 17 and 18 have been objected to. Since claims 17 and 18 have not been rejected, it is assumed that claims 17 and 18 contain allowable subject matter. Claims 1-20 have been canceled without prejudice.

Claim 21 corresponds to canceled claim 1 and further recites color mixing by overlapping of some of these lights before entering into the end of the optical fiber. Reed, Wainright and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 22 recites the distance from the point of the emitting light out of the LED to the light entrance of the optical fiber is larger than the intersection of illumination lights out of LEDs, or a lens is inserted between the optical fiber and the LED. Reed, Wainright and the other art of record do disclose an optical fiber decoration device with this and the other recited features.

Claim 23 recites one or more LEDs are moved up and down, left and right, slant, with proper angles, back and forth motion, or regular and irregular rotation relative to the said end of the optical fiber, or LEDs with different illumination angle are used, which include LEDs with different diameter. Reed, Wainright and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 24 corresponds to canceled claim 2 and recites the end of the optical fiber and the head of LED are integrated. Reed, Wainright and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 25 corresponds to canceled claim 3 and recites the device is between multiple LEDs and optical fiber bundle arrange as a condenser lens. Reed, Wainright and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 26 corresponds to canceled claim 4 and recites the luminosity of singular or multiple LEDs at least gradually change. Reed, Wainright and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 27 corresponds to canceled claim 5 and recites the device can create multiple colors that are added colors for mixing by independently changing the luminosity of each of the multiply LEDs. Reed, Wainright and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 28 corresponds to canceled claim 6 and recites the luminosity of the LED are controlled by a microcomputer. Reed, Wainright, and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 29 corresponds to canceled claim 7 and recites emitting color or luminosity can be changed by a manual switch. Reed, Wainright, and the other art

of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 30 corresponds to canceled claim 8 and recites luminosity is changed by detection of sound and light with a sensor. Reed, Wainright, and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 31 recites the device consisting of a power supply, a LED light source, and an optical fiber bundle, wherein the power supply, the LED light source, and the optical fiber bundle are integrated together; or the power supply and the LED light source, including a first cylinder, are integrated together, and the optical fiber bundle is bundled by a second cylinder which can be inserted into the first cylinder; or the optical fiber bundle and the LED light source are integrated into a part, and the part can be attached to the power supply. Reed, Wainright, and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 32 corresponds to canceled claim 9 and recites the device uses a unit that integrates the optical fiber decoration device and the LED power supply. Reed, Wainright, and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 33 corresponds to canceled claim 10 and recites the device uses power supply obtained from solar cells as a power supply for the LED. Reed, Wainright, and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 34 corresponds to canceled claim 11 and recites at least a part of the optical fiber decoration device is waterproof. Reed, Wainright, and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 35 recites the optical fiber decoration device is waterproof and fireproof, and the power supply can be a solar cell or a storage battery. Reed, Wainright, and the other art of record do disclose an optical fiber recognition device with this and the other recited features.

Claim 36 corresponds to canceled claim 12 and recites a decoration item for use with the optical fiber decoration device. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 37 corresponds to canceled claim 13 and recites the decoration item consists of a decorated part and a support part; the support part contains a power supply and a controller; LEDs are arranged at necessary places of the decorated part; the electric power is supplied from a lead line connected by the controller; light is emitted from the LED light source. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 38 corresponds to canceled claim 14 and recites LED light source devices consist of a LED light source and an IC board arranged on the decoration item, and a light entrance face of the optical fiber is arranged in the LED light source device. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 39 corresponds to canceled claim 15 and recites the LED light source is arranged on one side of the IC board. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 40 recites the LED light source devices consist two or more LED light sources and an IC board arranged on the decoration item, and a light entrance face of the optical fiber is arranged in the LED light source device, the LED light sources being arranged on both sides or a circumference of the IC board, respectively, and the LED light source devices further include a plurality of IC boards which control the LED light sources. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 41 recites the LED light source devices include multiples optical fiber bundles which can be inter-crossed. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 42 corresponds to canceled claim 16 and recites the decoration item is a Christmas tree. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 43 corresponds to canceled claim 17 and further recites the decoration item is a Christmas tree, the optical fiber is arranged on branches and in the vicinity of a treetop by connecting multiple units through a connection part, each of which is a unit that integrates the optical fiber decoration device and the LED power supply. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 44 corresponds to canceled claim 18 and further recites a Christmas tree and the shape of a Christmas tree is formed by combining and connecting more

than two of the units through a connection part, each of which is a unit that integrates the optical fiber decoration device and the LED power supply. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Claim 45 corresponds to canceled claim 19 and recites clothes use optical fiber decoration devices. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.


Claim 46 corresponds to canceled claim 20 and recites the clothes are wedding dresses. Reed, Wainright, and the other art of record do disclose a decoration item with this and the other recited features.

Consequently, claims 1 and 38, as well claims 2-37 and 39-46 which depend from claims 1 and 38, respectively, are in condition for allowance.

Allowance of the above-referenced case is respectfully requested.

Please charge any deficiency or credit any overpayment in the fees for this matter to our Deposit Account No. 20-0090

Respectfully submitted,


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